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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/911,610

DATE: 12/18/2002

TIME: 12:51:54

Input Set : A:\18733153.app

Output Set: N:\CRF4\12182002\I911610.raw

3 <110> APPLICANT: LEUNG, SHUI-ON  
 5 <120> TITLE OF INVENTION: MULTIVALENT TARGET BINDING PROTEIN  
 7 <130> FILE REFERENCE: 018733-1053  
 9 <140> CURRENT APPLICATION NUMBER: 09/911,610  
 C--> 10 <141> CURRENT FILING DATE: 2002-07-25  
 12 <150> PRIOR APPLICATION NUMBER: 60/220,782  
 13 <151> PRIOR FILING DATE: 2000-07-25  
 15 <160> NUMBER OF SEQ ID NOS: 27  
 17 <170> SOFTWARE: PatentIn Ver. 2.1  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 19  
 21 <212> TYPE: PRT  
 22 <213> ORGANISM: Artificial Sequence  
 24 <220> FEATURE:  
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 32 Gly Gly Ser  
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 36 <211> LENGTH: 19  
 37 <212> TYPE: PRT  
 38 <213> ORGANISM: Artificial Sequence  
 40 <220> FEATURE:  
 41 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
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 45 Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys Pro Gly  
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 48 Gly Gly Ser  
 51 <210> SEQ ID NO: 3  
 52 <211> LENGTH: 4  
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 56 <220> FEATURE:  
 57 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
 58 peptide linker  
 60 <400> SEQUENCE: 3  
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 62 1  
 65 <210> SEQ ID NO: 4  
 66 <211> LENGTH: 9

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67 <212> TYPE: PRT
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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74 <400> SEQUENCE: 4
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76   1           5
79 <210> SEQ ID NO: 5
80 <211> LENGTH: 15
81 <212> TYPE: PRT
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
86     peptide linker
88 <400> SEQUENCE: 5
89 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser
90   1           5           10           15
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94 <211> LENGTH: 53
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
101 <220> FEATURE:
102 <221> NAME/KEY: CDS
103 <222> LOCATION: (12)..(53)
105 <400> SEQUENCE: 6
106 tctctgcaga g ccc aaa tct tgt ggt ggc ggt tca cag ctg gtt gtg act 50
107           Pro Lys Ser Cys Gly Gly Gly Ser Gln Leu Val Val Thr
108           1           5           10
110 cag 53
111 Gln
114 <210> SEQ ID NO: 7
115 <211> LENGTH: 14
116 <212> TYPE: PRT
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
121     peptide
123 <400> SEQUENCE: 7
124 Pro Lys Ser Cys Gly Gly Gly Ser Gln Leu Val Val Thr Gln
125   1           5           10
128 <210> SEQ ID NO: 8
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130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer

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136 <220> FEATURE:
137 <221> NAME/KEY: CDS
138 <222> LOCATION: (2)..(49)
140 <400> SEQUENCE: 8
141 a gcc tcc gcc tcc tga tcc gcc acc tcc taa gat ctt cag ttt      43
142   Gly Gly Gly Gly Ser Gly Gly Gly Gly Leu Ile Lys Leu Lys
143     1           5           10
145 ggt tcc      49
146 Thr Gly
147 15
150 <210> SEQ ID NO: 9
151 <211> LENGTH: 16
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
157     peptide
159 <400> SEQUENCE: 9
160 Gly Gly Gly Gly Ser Gly Gly Gly Gly Leu Ile Lys Leu Lys
161   1           5           10
163 Thr Gly
164 15
167 <210> SEQ ID NO: 10
168 <211> LENGTH: 6
169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
174     peptide
176 <400> SEQUENCE: 10
177 Thr Lys Leu Lys Ile Leu
178   1           5
181 <210> SEQ ID NO: 11
182 <211> LENGTH: 36
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
189 <220> FEATURE:
190 <221> NAME/KEY: CDS
191 <222> LOCATION: (1)..(36)
193 <400> SEQUENCE: 11
194 cc gga ggc ggt ggg agt gag gtg aaa ctg cag gag t      36
195 Ser Gly Gly Gly Gly Ser Glu Val Lys Leu Gln Glu
196   1           5           10
199 <210> SEQ ID NO: 12
200 <211> LENGTH: 12
201 <212> TYPE: PRT
202 <213> ORGANISM: Artificial Sequence

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204 <220> FEATURE:
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210   1           5           10
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216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
221 <220> FEATURE:
222 <221> NAME/KEY: CDS
223 <222> LOCATION: (27)..(44)
225 <400> SEQUENCE: 13
226 aaccttgagc tcggccgtcg cactca tga gga gac ggt gac cgt           44
227                               Ser Ser Val Thr Val Thr
228                               1           5
230 <210> SEQ ID NO: 14
231 <211> LENGTH: 6
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
237     peptide linker
239 <400> SEQUENCE: 14
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241   1           5
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245 <211> LENGTH: 4
246 <212> TYPE: PRT
247 <213> ORGANISM: Artificial Sequence
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250 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
251     peptide linker
253 <400> SEQUENCE: 15
254 Pro Lys Ser Cys
255   1
258 <210> SEQ ID NO: 16
259 <211> LENGTH: 13
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: HNB linker
266 <400> SEQUENCE: 16
267 agcttgcggc cgc           13
270 <210> SEQ ID NO: 17
271 <211> LENGTH: 13

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272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Description of Artificial Sequence: HNB linker
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279 gatcgcggcc gca 13
282 <210> SEQ ID NO: 18
283 <211> LENGTH: 62
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of Artificial Sequence: CKSB linker
290 <220> FEATURE:
291 <221> NAME/KEY: CDS
292 <222> LOCATION: (1)..(62)
294 <400> SEQUENCE: 18
295 ga tcc gcc acc aga ttt ggg ctc aca ctc tcc cct gtt gaa gct ctt 47
296 Ser Gly Gly Gly Ser Lys Pro Glu Cys Glu Gly Arg Asn Phe Ser Lys
297 1 5 10 15
299 tgt gac ggg cga gct 62
300 Thr Val Pro Ser
301 20
304 <210> SEQ ID NO: 19
305 <211> LENGTH: 20
306 <212> TYPE: PRT
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Description of Artificial Sequence: CKSB amino acid
311 sequence
313 <400> SEQUENCE: 19
314 Ser Gly Gly Gly Ser Lys Pro Glu Cys Glu Gly Arg Asn Phe Ser Lys
315 1 5 10 15
317 Thr Val Pro Ser
318 20
321 <210> SEQ ID NO: 20
322 <211> LENGTH: 27
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
329 <220> FEATURE:
330 <221> NAME/KEY: CDS
331 <222> LOCATION: (7)..(27)
333 <400> SEQUENCE: 20
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335 Ser Gln Leu Val Val Thr Gln
336 1 5
339 <210> SEQ ID NO: 21
340 <211> LENGTH: 7

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/911,610

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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:8; Line(s) 142

Seq#:9; Line(s) 160

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/911,610

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Input Set : A:\18733153.app

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date